JULY
VOL.2

BULL-ETIN

1971
NO. 5

SAN ANTONIO RADIO CLUB

President - Floyd Roland, W5JKU
Vice-President-Gene Jank, W5EJT
Secretary - Bill Ross, K5LLK
Treasurer - Frank Box, WA5VFM
Sargent-at-Arms - Dan DeLay, W5DUI

Meets first and third Fridays at 7:30 p.m. at the Red Cross Building, 90 Brees St. All who have an INTEREST in amateur radio are cordially invited to attend.

Bulletin Editor, Dean Davis, W5BGE Typist, Maybelle Davis, XYL
Published Bi-monthly (Hopefully!)

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PREZ'KORN-ER

by W5JKU

The San Antonio Radio Club has had another successful Field Day with over fifty members operating a lot and having a good time. We wish to thank the Field Day committee and the members for a job well done. (More details on FD elsewhere in the Bulletin.) Also, we wish to thank the Red Cross for keeping us Field Dayers well fed for supper, breakfast, and lunch.

The members are still coming up with good programs. At the first meeting in June, Bill W5LLK gave a talk on magnetic tape recording--the methods and problems. Dr. Dave Hunter, W5DUU, presented the program at the second meeting with a film on the eye bank and the cornea transplant operation. We thought Dave was going to have to stay all night answering all the questions. He was aided by Sgt. Ed Baggely, who prepared the eyes for the eye bank.

Future programs look good. Johnny W5LVE has the Christmas films that Monty W5JKC made. Les WA5GOQ has some interesting video tapes on fires. We are looking forward to seeing the pictures taken by Gene W5EJT and Ruth K5OPT on their European tour. We have not heard about the handicappers net program--but hope to soon. Someone promised to bring a Viet Cong radio to one of the meetings.

We also have had some eyeball DX with visitors — Rod VK3TJ from Australia, and Ricardo LU2ACY from Argentina. The members always have an enjoyable discussion with these visitors. There are lively rag chews with the hams from around the states that are here in the military service. We are always glad to see them.

Red Cross Official, Miss Rosemary Childress showed a film at the July 2 meeting on the History of the Red Cross. She asked the membership to help on a new project, concerning two- or three-man disaster teams to handle situations like the VW fire, or individual families burned out--seeing that they get immediate help for the night, with a follow-up by a RC worker the next day to help resettle them. THINK ABOUT THIS, and for further details, contact Frank W5QMH. (W5QMH & WA5RNV volunteered to trial run the first team for SARC info purposes.)..... We don't want this to sound like preaching--but it is time for the silent majority to express opinions to the FCC on Docket 19245. (See July "QST", also K5HZR's SCM report elsewhere in this Bulletin.)

73 Floyd W5JKU

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S P L A T T E R - STEN convention was held Kerrville-11-12-13 June. 95 registered. SA area hams who attended included K5HZR, W5KLV, W5TTW, WA5PCU, W5EYB, WA5KYX, WA5JFZ, WA5VQK, WA5VIK, W5FA, W5EZY, W5NXZ, W5BGE. J. B. Godwin WA5PCU was elected NCS. Program included talks by Doc Best W5QKF, Roy W5EYB, Jim Freeman W5HXR, Lee W5HZR, Jim W5EZY. ....Tex.VHF-FM Society will meet Aug.14-15 at Cibolo Inn, Arlington, Tx. ....Tex.Tfc Net will meet for weekend picnic-fish fry Aug.14-15, Arrow Head Lodge, Lake Whitney.....SARO held quarterly meeting at Green Tree Village July 10....Heard on 2 FM: "Now Walt, what you are saying is OK, but what you are thinking is wrong!".....New SARC members: Homer Driesslein K5MEN, 314 Basswood, 342-9775, 78213; Jack Smalley WB5ERQ, 815 Afterglow, Apt. 24-A, 341-5347, 78216.....CONGRATS!: D. B. W5PE now holds highest office in his Masonic Lodge--Worshipful Master.

73, Dean W5BGE.

FD REPORT

by W5BGE

SARC PARTICIPATED THIS YEAR in the annual Field Day, sponsored by the ARRL. It was held at the Northeast Preserve, June 27-27, for 24 hours of continuous participation beginning a 1 p.m. Saturday. FD Chairman was Frank Gerwitz W5QMH assisted by Joe WA5OMB and John Henderson.

Some 50 amateurs from the S A area took part. It was felt by many that the rain in S A proper kept others from coming out. Luckily the FD area did not have much rain and activities were not hampered too much by the weather.

Again this year the 15 meter phone site proved to be the greatest attraction. This due to the fact that Robert Osborn WA5JDU, a blind youngster, was showing to all what a young fellow could do--his determination, perseverance, congenality, and hard work proved to one and all that he was an "OPERATOR". When 15 folded he took off to the 40 CW and 20 CW sites and filled in--just didn't have time to rest or sleep! He was assisted by Duke K5ZJA and Jim K5UKN. Bob Osborn, his father was kept busy helping in many ways. A TR-3 was used, making over 300 contacts.

2 Meter FM, battery operated, made more than 50 contacts (without the help of the Repeater!) It was ably manned by Bob W5PKK, assisted at times by Wayne W5FZH, Larry W5QMU, Walt K5YFW, Bob K5AUW, Bob K5AUI, Bob WA5ICH, BobWA5WON and Larry WA5KBQ. A Regency xceiver was used. Coincident(?) Why does the Repeater "always" get "sick" on FD? And Question: Where was Terry W5ETG? No guy wires knocked down, beer left over, Terry Terribly Missed!

A 40 meter CW site for the novices was set up and manned by Cris WN5-EEF and Jorge WN5AAV. Using a Drake 2-C and 2-NT, about 50 contacts were made.

The 40 Fone men, using a SB101, was handled by Floyd W5JKU and Bill WA5QHG. Assisting were John Henderson and Alan Wright. Some 250 contacts were made.

75 Fone, using a DuoBander, was ably manned by Ivan WA5RNV, Aubrey K5-MOF, Otto WA5UYE, Red KØRAJ/5 and Charlie WA5SDC.--Over 250 contacts.

15 CW was handled by Dave K5BSH and assisted by Richard Wilson. Using a HW16, about 75 contacts were made.

6 meter AM, using a Lafayette xceiver, was operated by Greg WA5UAM, making about 20 contacts.

Frank WA5VFM was e rywhere at any time, arranging for the beer, soda-water, ice, making coffee, etc.. When asked what his job was, he said, "General Flunkey!"

20 meter Fone, using a Swan xeeiver, was handled by Ray W5HBI, Craig WA5WGH, Ed WA5TPK, Chuck K5AIU, and Bob WA5ICH. Craig fought it all night long--he didn't have time to sleep either! Approximately 250 contacts were made

40 CW had its problems. Joe WA5OMB had to work and arrived late, had trouble finding enough stuff to make an antenna and finally had to move his rig into his car due to the intermittent showers and the lack of a shelter. He was at times assisted by Ed WA5ZEG, Craig WA5WGH, Gene W5EJT and Ivan WA5RNV. In spite of the late start some 125 contacts were made, using a Galaxy 3.

The S A Chapter of the Quarter Century Wireless Association again this year sponsored the 20 CW site. Among those who assisted in operating were: Ray W5EYB, Gene W5EJT, Clarence W5HIV, Johnny W5LVE, Les W5BE, Ben W5FZA, Howell W5FKR, John W5LPO, Harry W5KCR, Jim W5EZY, Dean W5-BGE and Chuck W5UKN. Les W5BE proved to be the hottest op especially during the last hour, pushing better than 30 wpm; he was really pulling them in. Using a TR-4, over 300 contacts were made.

The Red Cross again proved their ability to provide and serve food under FD conditions. They furnished the evening meal (featuring barbe-

cue), breakfast and lunch. The excellent food was praised by all! Our SPECIAL thanks for their assistance in our FD operation. 3.

Visitors included George W5OI, Jack WN5ECD, Paul W5RT, Ken W5MLQ. J.B. WA5PCU, Leo W5IPL, Paul WA5FWT (Ex SAer now in Houston), Bob & Allene Turnage, Rex WB5CYQ and Al/Brenda-Lynda WA5IBD.

The SA Light carried a four column picture in the Sunday issue which showed W5EYB, W5EJT, W5LVE and W5QMH. Channel 12 TV carried it on the Saturday 10 p.m. news program.

FD Chairman Frank W5QMH stated that he was greatly pleased with the cooperation of all those who participated, feeling that the overall operation was an outstanding success. He further stated that the group will always be indebted to the Red Cross and their volunteer workers for their part in preparing and serving three SUPER meals.

73. Dean W5BGE

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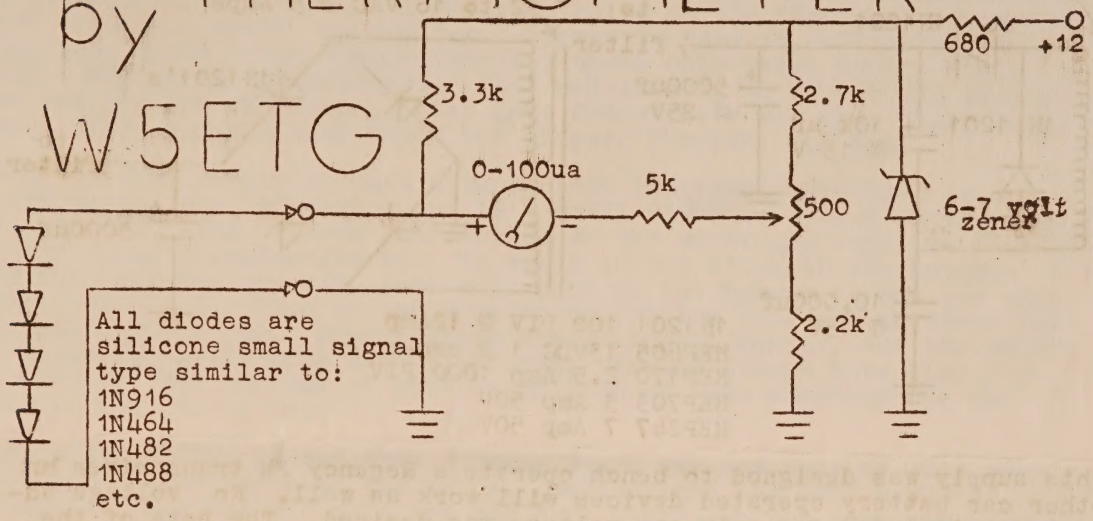
THERMOMETER by W5ETG



I recently had a requirement to remotely measure the temperature of a liquid. The instrument had to be fast acting, preferably electronic, battery operated, and simple to construct. Researching handbooks, texts and magazines I came upon the following gadget which fulfills all of the above requirements. (Plagerized from Electronics World, March '71). The meter can be calibrated for either Farenheight or Centigrade. The meter MUST be a 100 ua movement of approx. 800 ohms (the normal value). If it is difficult to zero the device, try replacing the 2.2k resistor with a 2k unit. Calibration: Adjust zero at low temperature (32° F. typical); Adjust Sensitivity at high temperature (98.6° or 220° F.).

The diodes are spliced together in as small a package as possible and encapsulated in epoxy. The epoxy should be applied in a very thin layer so as not to distort the heat transfer any more than necessary.

The reaction of the device to a change of temperature is almost instataneous and it stabilizes within 5 seconds. I found some evidence of temperature drift due to the current through the diodes heating them. This device is not for continious monitoring but this is not really necessary due to the fast reaction of the device.

The pair of wires can be any length as long as the length is not changed from calibration to use.

What would a ham use it for? I use it to fish with (thermoclines and all that jazz). You might use it to measure the temperature of your 10kW final. 73 Terry W5ETG

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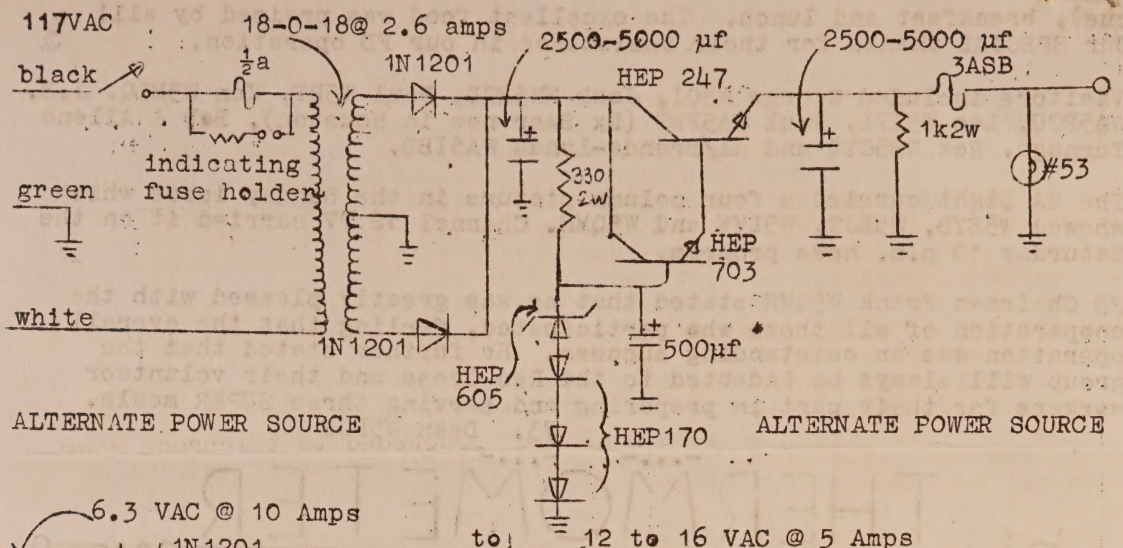
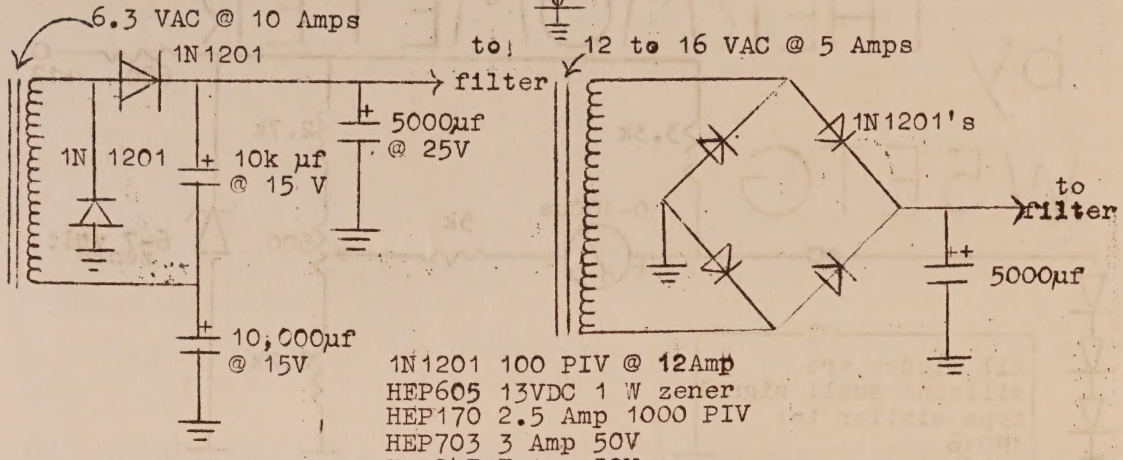
COMMUNICATIONS FOR KART RACES

Members of the San Antonio Radio Club scored another assist in providing communications for nationally sponsored kart races conducted by the San Antonio Kart Club an San Marcos on 23 May. As the midget speedsters dashed around the 1.9 mile closed course, officials maintained full control and safety at all times, thanks to the efforts of W5EJT, WA5GOQ, WA5WON and WA6TYR, operating on 2 meters FM.

Terry W5ETG

14.1 VDC POWER SUPPLY REGULATED TO 3 AMPS BY WA5WON





1N1201 100 PIV @ 12Amp
HEP605 13VDC 1 W zener
HEP170 2.5 Amp 1000 PIV
HEP703 3 Amp 50V
HEP247 7 Amp 50V

This supply was designed to bench operate a Regency FM transceiver but other car battery operated devices will work as well. No voltage adjust was included for only one voltage was desired. The beta of the pass transistors is utilized in the filtering. Silicone diodes are used in series with the zener to increase the zener voltage by .7 VDC per diode and for temperature stabilization. The power stud diodes and pass transistors should be well heat sunk as some heat is generated at full load. The power transformer should have at least three volts rectified at full load more than the desired regulated output due to junction losses. Other rectifier configurations are given, remembering that the current capacity for a doubler is in the capacitors.

73 Bob WA5WON

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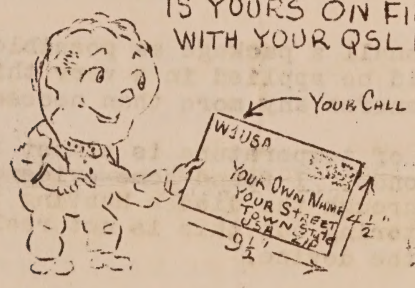

YOUR CALL?

WB5ABU	WB5AUM	WA5JVX
WB5ADG	WA5AUO	W5LER(K)
W5AEQ	W5JC	(K)W5LFM
WB5AML	WA5JGN	W5LJD
W5AMA	WA5JTV	W5AME

The above SA area calls have cards and no SASE at Bureau. If you know any of these please give them this info. Send SASE to: Kenneth F. Isbell, W5QMJ, 5th District QSL Manager, 306 Kesterfield Blvd., Enid, OK. 73701. The function of the ARRL QSL Bureau is to facilitate delivery to amateurs in the U.S., its possessions and Canada, of those QSL cards which arrive from amateur stations in other parts of the world. All you have to do is send your QSL mgr. a stamped, self-addressed envelope, about 4½ by 9½ in. in size, with your name and address (+ZIP) in the usual place on the front of the envelope and your call printed in capital letters in the upper left-hand corner.

73 Ed K5LIL, Oklahoma City.

Note: First Class mail now 8¢-send ur QSL mgr 2¢ stamp for each envelope on file.

EUROPEAN YLS

by K5OPT

After contacting many YL's around the world and exchanging letters with them, by far the most exciting of all is meeting them in person in their homes. The first YL Gene (W5EJT) and I visited was Anny Jenk, HB9YL who lives in a quiet little Swiss village on the Northern Slopes of the Alps. Her QTH has one of the most beautiful views in Europe. But unfortunately, even though the mountains are beautiful, it is like a high wall to the South for her signal. And she finds it almost impossible to work North America from her present location.

The evening before we planned to arrive at Anny's QTH we wanted to telephone ahead and let her know our plans. Since in every country we find the telephone system somewhat different we find it best to ask for some assistance. The lady at the hotel in Chur was most helpful and when she discovered we were hams she proceeded to telephone some local hams who lived nearby. We spent a most interesting evening in the hotel restaurant with Albert HB9FQ and Chris HB9LW. The next morning as we were leaving Albert greeted us and we just had to have a QSO on his mobile with Chris. I was elected to do the "hamming" since Albert could not speak any English. German is used in Switzerland, but when they speak among themselves they speak only Swiss German (this only a native can understand). What was amusing to us was the American and English expressions that have found their way into their language. When signing they would say "Roger, Cheerio, Old Man".

We spent four wonderful days with Anny in Frutigen. Frutigen is only a few miles from Interlaken and is a small village nestled on the side of the mountains. Since Anny worked in the mornings, Gene and I would do the daily shopping for us. We would go one block to the butcher and buy meat for the day, then next door to the bakery to buy our small loaves of bread. Then to the grocery to buy the beer and whatever else we took a fancy for. Supermarkets are coming to Europe, but the smaller shops are still much more plentiful. Saving stamps have also come to Europe. But instead of getting an item of your choosing for the stamps, you redeem them for cash.

Anny's OM, HB9TT, passed away several years ago and Anny is just now becoming active again on the bands. Switzerland has only 4 YLs at present, Anny was the only one for many years--so you know how popular she is with DX. Anny speaks English very well. She studied it in school, but gives credit to ham radio for improving her usage of the langauage. She also speaks French and is busy studying Italian. I admired her greatly for this, as I feel fortunate to be able to speak even two languages.

After leaving Frutigen we were busy sightseeing and rarely heard any English spoken. One evening as we were taking a walk before bedtime we saw a beautiful 3 element 20 meter beam over a rooftop. Since we were near Frankfurt, Germany and the American Air Base is nearby we felt this had to be an American. So we rang the doorbell and met DG9GZ, Karl Kerber and his wife. Both spoke English quite well, and much to Gene's delight he spent the entire evening hamming with Karl and listening to state side stations. It was my homor to be the first YL Karl had ever met.

Our next planned visit was with DL3LS, Ursula and DL1RA, Heinz, in Remscheidt, Germany. We had visited with them during our 1964 tour of Europe, so it was wonderful being with them again to relax and to catch up on our laundry. On Wednesday mornings the YLs have a Net and of course I had to join in, in German. They discuss the same things the YLs do here, even occasionally an OM breaking in.

Martha, DL6YL invited us to stop by for a visit on our way North, as we would be passing near their QTH. Two days later we were in Osnabruck at the QTH of Martha and OM Erwin, DL1PS. They are very active on 2 meters and when they heard we were coming made plans to give the natives in Germany, who never get to work an American, a chance to make contacts with us. Erwin was making plans, when the phone rang. It seems an official was monitoring and let Erwin know that if we did not have a German permit, he better not attempt to let us operate his station with our calls. Against regulations! Seems they have regulations everywhere in the world. Our visit extended into 3½ hours, and they wanted us to stay the night, but we had already made plans to be in Hamburg the next day. Erwin is a commercial artist, and naturally all the ham magazines use his talent. Although he speaks no English, he builds his own equipment--and he and Gene could converse quite readily with diagrams and symbols. Martha was for many years Net Control of an early morning net called "The Streetcar"--as a ne-

SCM REPORT

by K5HZR

I had planned writing on Emergency Communications due to the impending Hurricane season but thought Docket 19245 more important. By this time ARRL members in this section should have received the July QST giving full coverage. Whether you realize it or not, this is one of the milestones in Amateur Radio history. The deadline for comment to the FCC on Notice of Inquiry Docket 19245 has been extended to August 31. As head of the the ARRL Field organization in this Section, I have a vital interest in this matter and each and every Amateur has a moral obligation to Amateur Radio and himself to make his wants known to the FCC. My comments to the FCC were made on June 14 and are included at the end of this article. Whether you agree with me or not is of no consequence; what matters is that you make your thoughts known to the FCC before the deadline. If you acquiesce now we may indeed become a Hamstrung Silent Majority. To the Commission:

"Dear Sirs: In regard to Notice of Inquiry Docket No. 19245, RM-1687 it is my contention that there should be no restriction on the use of amateur stations in behalf of non-amateur organizations. To restrict or limit the Amateur Radio Service in this matter would be contrary to the Basis and Purpose of Amateur Radio as stated in Subpart A of the Commission Rules. I fail to see how denying a license to an organization (not entitled to it) affects the Amateur Radio Service's committment to provide a public service through message handling which has been its bane of existence for over 50 years.

The regulations, as they are now written, appear adequate. To curtail the amateur's capability to render a voluntary non-commercial communications service would also impede the advancement of skills in the communications phase of the art (how else could he learn), and practically eliminate any expansion in the training of operators as defined in paragraph 97.1(d) of the commission's rules, and at a time in Amateur Radio's history when trained operators are solely needed.

In regard to paragraph 3 of Docket 19245 I feel that the Commission's concern of new networks being formed for the advocacy of social, political and economic views is unfounded. These networks, to my knowledge, have not materialized in the past year, to the extent implied, and if they did come about they would be most conspicious and easily dealt with. I feel that the Commission has adequate authority and means of control as outlined in Section 303 and Section 309 of the Communications Act of 1934. I don't believe that the average Amateur Radio Operator is going to jeopardize his operating privileges, much less bear fine and imprisonment, by extending such political, social or economic views. It is my considered opinion that the present regulations governing the use of Amateur stations, on behalf of non-amateur organizations are sufficient and no amendment is necessary.

Sincerely yours,
E. Lee Ulrey, K5HZR"

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A SILENT KEY

A member of SARC has joined the ranks of the Silent Keys. Walter Schmidt, WA5QPN, age 56 of 715 Barchester Dr. died Monday, June 14 at a local hospital. He was a member of Concordia Lutheran Church. Harmonica Lodge No. 1, Sons of Hermann, and was a retired Chief Warrent Officer, U.S.A. Survivors: Widow, Mrs. Linda Schmidt; daughters, Mrs. John Hanes, Mrs. Margie Adams, San Antonio, Mrs. Richard Murray, Plain City, Ohio; brothers, William Schmidt, Albert Schmidt, both of San Antonio; sister, Mrs. Arthur Anderson, Granger, Tex.; 10 grandchildren, 5 great-grandchildren. Walter will be missed by many of the local amateurs, as well as his friends over the air.

TEEN AGE HAMS: The Alamo City Teen Age Net (ACTN) held its first meeting Mon. June 28 @ 7:30 p.m. on 28.550 MCS. Regular meetings will be Mon. and Thurs. of each week. All interested teen age hams are invited to check in. For info call Jim Ratliff, WB5APU, 735-5795, or Dave Gent, WA5ZRB, 655-5404. -5-

sult of people getting on and off on their way to work each morning.

The Passport is necessary to return to your country, but the Amateur License is far more valuable when traveling abroad. How else could one meet so many interesting people in a foreign country? We met a number of Americans during our trip and when we exchanged experiences with them, they were indeed envious of our ability to meet the natives. In Hamdom--there are no strangers!

73 Ruth K5OPT

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TURKISH DELIGHT

From "Florida Skip"
Miami Springs
February 1971
Who took it from
Nortopics
Doc VE3DDS

One thing that always interested me was the Dardanells and the Bosphorus separating Europe from Asia. Another, was the Turkish belly dancers.....We arrived in Istanbul late in the day, too late to do or see anything of importance outside of checking into the Hilton Hotel and having our supper. The Hilton by the way has a commanding panoramic view of the Bosphorus, and from our room we could see Asia.

The next morning we were off on a sightseeing tour of the city, visiting a few Mosques--the largest one in the world, and another called the "Blue Mosque" that had an exquisite beauty about it. At noon we stopped for lunch and after that we set off to the GRAND BAZAAR. This is like a super "Yorkdale"--Turkish style. There are over 3,000 individual shops there selling everything you can imagine, all under one roof! Talk about competition--it's dog eat dog and let the buyer beware. No matter what price is quoted, the return bid is 40 percent less and from that point, the haggling starts--this can go on for two or more hours and whoever has more stamina gets the better end of the deal. Usually, it is the merchant, for he is trained in the business and is hardened to do it.

That evening, after supper, we set off for a night club, featuring Turkish entertainment, a series of colourful dances by a group of men, followed by a singer or two, finally brought us to the highlight of the evening--a real live belly dancer. She was a real beauty and her body swayed with the motion as the Turkish rhythm gradually built up. Faster and faster became the beat and the upper part of her anatomy was really bouncing around. I must admit that I was fascinated with the whole thing, when I noticed two things that struck me a bit odd.

For one thing, she was looking right at me while this dance of passion was going on. At first I couldn't believe it, thinking maybe it was someone behind me. But no, there was no doubt about it, she was looking at me. Then I noticed her bosom was dancing in a definite pattern like CW. Just for kicks I decided to copy to see if it made any sense. It gave me quite a jolt when it made sense.

"U copy C.W.?" she sent. Open mouthed, I nodded "YES". "U American?" I shook my head to answer "NO". With a puzzled look on her face she said, "U LOOK AMERICAN!" I picked up a plastic cocktail stick that was on the table and tapped out, "NO, CANADIAN." "Oh, I like Canadians" she smiled. She was sending about 30 wpm, but I didn't miss a word. It was easy--just follow the bouncing ball.

Then I noticed another thing--the lower part of her body was bouncing in a steady CW rhythm too. "Holy T.V.I.", she is holding two QSOs at once--one on top, one with the bottom! I looked over the room we were in to see if I could pick out who the other CW operator was. My eyes fell on a gentleman sitting just opposite us across the stage. He was looking right at me and smiling--there was a plastic mixer in his hand, too.

"Parla Italiano?" he tapped out. (Do you speak Italian?) "A little", I sent back. "Who is the YL with you?" he asked in Italian. "My XYL" I replied. "Such a shame--the dancer says she has a sister." I parted my hands in a "what can I do" gesture. We exchanged 73s and signed off. The Turkish beauty turned to the other operator and was really letting the CW roll off her rear end.

My wife and I left as soon as the show was over and her mood was none too pleasant. "You surely could not take your eyes off her," she snarled, "and that tapping the glass was driving me crazy". "Oh, sorry, honey--it's just a habit, just a nervous habit," I replied. (... -.-)

ARRL NEWS ARRL NEWS FROM THE DIRECTOR ARRL NEWS ARRL NEWS

As most of you know, our ARRL President, Bob Denniston, General Manager John Huntoon, and Asst General Manager Dick Baldwin, are attending the ITU Space Conference in Geneva, Switzerland. Although we amateurs have no official capacity at the conference, we are accredited as official observers. This gives us an opportunity to contact the official conference membership on matters of importance to amateurs. Extracts from a recently received letter to all Directors from President Denniston concerning progress of the conference follow:

" The past two weeks here have been hectic ones, with the situation changing almost from hour to hour.

" Proposals for authorization of use of space techniques by amateurs in bands additional to 144-146 MHz were assigned to Working Group 5C, along with matters concerning the Meteorological-Satellite Service, Earth Resources satellites, and the standard frequency and time signals. It was decided to take up the amateur service first, perhaps because -- as indeed materialized -- the Chairman felt it would be the most difficult of the several tasks assigned.

" During a preliminary discussion of principles, prior to taking up each band, opposition to amateur use of space techniques, particularly in the shared bands (all our bands above 146 MHz) was expressed. Portugal, Greece, India, France, Norway, Switzerland, Albania, Ghana, Nigeria, USSR, and others made initial statements expressing strong opposition and great fear of interference from amateur satellites to other services (radiolocation; fixed and mobile) in the higher bands. At one time or another these countries were supported by Poland, Sweden, Cyprus, Spain, Italy, Niger, Czechoslovakia, Kuwait, Bulgaria, and Ethiopia. We had strong support from Argentina, Brazil, Canada, New Zealand, Federal Republic of Germany, U. K., and others. But the division of opinion ran about 2 - 1 against us.

"It is impossible to narrate all details and developments as our matter progressed over the several days of meetings. In summary, the working group okayed space techniques in our exclusive high-frequency bands (7.0-7.1, 14.0-14.25, 21.0-21.45, and 28.0-29.7 MHz) -- though not without modest opposition. Some countries felt, for example, that U.S. amateur satellites would be so high-powered that they would interfere badly with terrestrial amateur stations.

"As to regionally-shared bands, particularly 50 and 220 MHz, opposition was so strong the Chairman * * * suggested withdrawing proposals * * * and even the U.S. agreed to review its position.

" The most spirited discussion occurred concerning 430-440 MHz * * * * . The most liberal proposal on which there was any chance of agreement was 435-438 MHz, secondary to radiolocation (as now). Even then the views were evenly divided, 16 for and 16 against. So the chairman ruled that the matter would have to be settled at a higher level -- i.e., in full committee.

" Subsequently, this same working group turned down completely all proposals for any additional space privileges above 438 MHz between 1 and 10.5 GHz. Our band of supporting countries and those who had switched to our side, were outvoted. It is expected that we can get the subject brought up again in full committee. Meanwhile we are conducting a continuing all-out effort on all fronts to crack the opposition."

IF THE ABOVE SHOWS NOTHING MORE, IT OUGHT TO PROVE BEYOND DOUBT THAT WE MUST HAVE A STRONG, UNIFIED ARRL IF WE ARE TO HOLD ONTO OUR PRESENT FREQUENCIES. WHO ELSE IS PREPARED TO SPEND THE MONEY NECESSARY TO DEFEND OUR FREQUENCIES? ARE YOU A MEMBER? 73, ROY L. ALBRIGHT, W5EYB, DIRECTOR, West Gulf Division.

SAN ANTONIO RADIO CLUB
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SAN ANTONIO, TEXAS 78206

SAN ANTONIO TX JUL 15 PM 1971

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